13

Put the pre-load adjuster cylinder into correct position and refit the spring by compressing it. Refit the spring clip.

CAUTION!

Make sure that there is enough clearance for the unit and the hose, when the suspension is compressed or released.

14

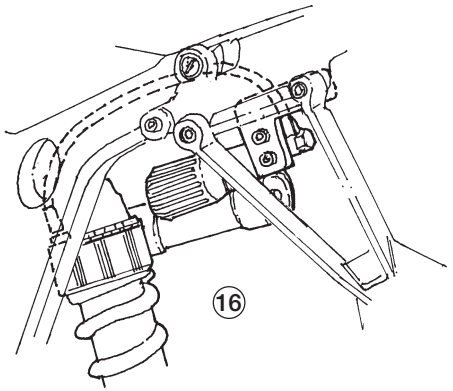
Refit the Öhlins shock absorber in reverse order. First fit the lower shock absorber mounting bolt. Tighten to 42 Nm.

15

Mount the pre-load adjuster on the inside of the rear foot rest bracket. Use the bolt, the washer and lock lock nut provided.

16

Make sure the hose curves softly. Fix it with the tie rap provided.



17

Bring the link back in position again and fit the pivot bolt and nut. Tighten to 52 Nm. Then fit the upper shock absorber mounting bolt and tighten to 42 Nm.

18

Refit the fuel tank and fit the right side tank bracket.

NOTE!

Do not forget to connect the electric cable for the tank reserve warning light. Mount the side covers of the tank on the left and the right.

19

Put the rear fairing/seat unit back in position.

NOTE!

Make sure that all bolts are tightened to the correct torque and that nothing fouls or restricts movement of the hydraulic spring pre-load adjuster when the suspension is being fully compressed or extended.

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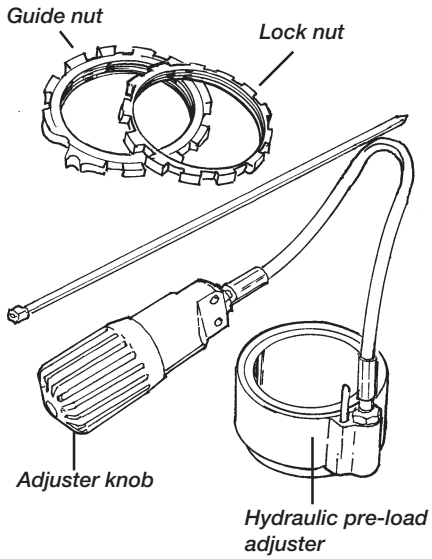
CA 805M, Issued 04 06 16

Mounting Instructions

Öhlins hydraulic spring pre-load adjuster 3649-03 (replacement) for shock absorber CA 805M type 46 PRCB - MV Augusta F4S



Öhlins hydraulic pre-load adjuster

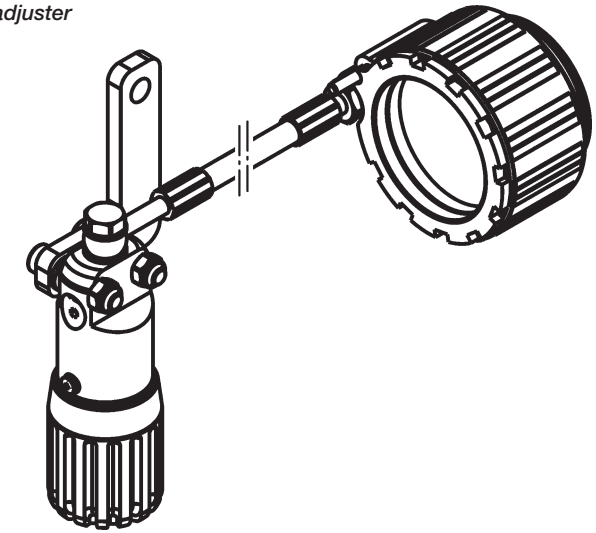
Your new hydraulic pre-load adjuster is a unit specially designed to replace the original pre-loade adjuster on Öhlins shock absorber CA 805.

NOTE!

This kit is first and foremost intended for use with Öhlins damper CA 805, to replace the original pre-load device.

Adjustments

By turning the adjuster screw clockwise the pre-load is set harder and reverse, when turning counter clockwise. The adjuster ratio is 2:1. Each turn by the adjuster adjusts the spring height with 1 mm.



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Safety signals

Important information concerning safety is distinguished in this manual by the following notations:

⚠

The Safety alert symbol means: Caution! Your safety is involved.

⚠ WARNING!

*Failure to follow warning instructions could result in **severe or fatal injury** to anyone working with, inspecting or using the suspension, or to bystanders.*

CAUTION!

Caution indicates that special precautions must be taken to avoid damage to the suspension.

NOTE!

This indicates information that is of importance with regard to procedures.

Before installation

Öhlins Racing AB can not be held responsible for any damage whatsoever to shock absorber or vehicle, or injury to persons, if the instructions for fitting and maintenance are not followed exactly.

Similarly, the warranty will become null and void if the instructions are not adhered to.

⚠ WARNING!

1. Installing a shock absorber, that is not approved by the vehicle manufacturer, may affect the stability of your vehicle. Öhlins Racing AB cannot be held responsible for any personal injury or damage whatsoever that may occur after fitting the shock absorber. Contact an Öhlins dealer or other qualified person for advice.

2. Please study and make certain that you fully understand all the mounting instructions and the owners manuals before handling this shock absorber kit. If you have any questions regarding proper installation procedures, contact an Öhlins dealer or other qualified person.

3. The vehicle service manual must be referred to when installing the Öhlins shock absorber

Öhlins products are subject to continual improvement and development. Consequently, although these instructions include the most up-to-date information available at the time of printing, there may be minor differences between your suspension and this manual. Please consult your Öhlins dealer if you have any questions with regard to the contents of the manual.

NOTE!

During storage and transportation, especially at high ambient temperature, the oil and grease used for assembling may run out inside the packing and damage the expanded polystyrene packing material. This is not unusual and is in no way detrimental to the shock absorber.

Kit contents

Before installing the shock absorber, please check the contents of the kit, listed on the front page of this instruction. If anything is missing, contact your Öhlins dealer.

Description	Pcs.	Part No.
Hydraulic pre-loader	1	CA 805M
Guide nut	1	03608-01
Lock nut	1	03609-01
Bolt M8x30	1	01046-30
Nut	1	00430-05
Washer 8,4/26/5	1	00426-02
Tie-rap L=188	1	00231-01
C-spanner	1	00710-01
Sticker	2	00192-01

Set-up data

Spring position	0 mm
Spring pre-load	9 mm

Mounting instructions

⚠ WARNING!

It's advisable to have an Öhlins dealer or other qualified person to fit your hydralic spring pre-load adjuster.

1

Put the motorcycle on a stand so the rear wheel is clear of the ground.The swing arm must be free, so the suspension is unloaded. Make sure it's steadily fixed so it will not fall over.

CAUTION!

The OEM bikestand for rear axle will not be sufficient fot this.

2

Remove the rear fairing/seat unit with the quick connectors.

3

Remove the two side covers from the left and the right side of tank.

4

Remove the fuel tank.

CAUTION!

When removing the fuel tank always remove the right hand tank bracket first, by loosening the 3 bolts. Othervise the fuel injector jet of cylinder 4 can be damaged when the fuel tank is removed.

5

Loosen the lower shock absorber mounting bolt.

6

Loosen the upper shock absorber mounting bolt.

7

Loosen the nut of the pivot bolt going through the center of the upper link and pull the bolt out. The rear bolt connected to the pushrod can stay in position.

8

Lift the forward end of the link away from the shock absorber.

9

Turn the shock absorber 90° to the left and pull it out uppwards.

⚠ WARNING!

Do not remove the spring if you do not have the proper tools for compressing the spring (for example Öhlins tool 00747-01).

10

Remove the spring by compressing and then remove the spring seat. Use tool 0747-01.

11

Remove the pre-load adjuster by sliding it downward on the shock absorber cylinder and remove the lock ring and the guide ring.

NOTE!

The original guide ring and lock ring can be used to fix the new pre-load adjuster.

12

Mount the lock nuts provided for the pre-load adjuster. The guide nut (03608-01) should be on top of the lock nut (03609-01). Turn the guide nut to the correct postion (see drawing below) and lock it with the lock nut.